Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 04 Apr 2023 until 23:59 on Wednesday 05 Apr 2023

Forecast Issued on Tuesday 04 Apr 2023 at 02:21

Confidence: High for initially fine and settled weather and for the transition through Wednesday to cloudier, wetter weather. Lower confidence in the timing of rain clearing through Thursday.

Headline for Tuesday 04 Apr 2023: Cold and frosty start. Plenty of sunshine, though turning hazy in the afternoon.

Mountain weather hazards on Tuesday 04 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 04 Apr 2023

Weather: Widespread frost across the Dales to start, clearing to leave a bright and sunny morning. A few isolated patches of mist and valley fog are possible in the hours around dawn. Otherwise, skies will be largely clear until the afternoon. High cloud will spill eastward through the afternoon and evening, gradually thickening and turning sunshine increasingly hazy.

Chance of cloud-free hill tops above 600m: 95% or more throughout.

Low Cloud and visibility: Chance of some early patches of mist or shallow fog in the valleys, this clearing shortly after dawn and is not expected to affect summits. Generally very good visibility with excellent views of distant hills. Any cloud bases will remain well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 04 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/21 S	11/15 S	12/17 S	13/18 SW	10/16 SW	9/14 SW	9/15 SW
300	3/11 S	7/11 S	9/15 S	10/17 S	6/15 S	3/11 SW	2/10 S
Valley	3/6 E	2/6 S	7/13 S	8/15 SW	2/7 SW	1/7 SE	2/9 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	3/-2	6/2	7/4	6/3	4/1	4/0
300	0/-2	5/3	9/7	10/8	8/7	5/4	4/3
Valley	2/1	7/6	10/9	11/10	9/9	5/4	5/4
Freezing Level*	400m	500m	800m	1000m	1100m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the sunshine, it will feel rather cold on the summits, with winds in the morning adding to wind chill on the highest peaks. Extra layers would be advisable if spending any length of time walking or hiking at height. Strong sunshine with moderate UV levels in the afternoon, so some additional sun protection may be required.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 04 Apr 2023	1.2mm	1.4mm	1.4mm

Forecast for Wednesday 05 Apr 2023

Weather: Bright spells to start, mainly in the east of the park. Turning dull as cloud thickens and lowers through the morning with outbreaks of rain and drizzle, patchy at first. Rain will become widespread and more persistent during the afternoon, with a chance of heavier bursts at times.

Maximum wind: South-westerly 15-20mph, gusting 25-30mph initially.

Chance of cloud-free hill tops above 600m: 80% at first, lowering to 30% by late-morning, particularly across western slopes.

Low Cloud and visibility: Cloud bases will be well above summits at first, lowering through the morning to around 300-400m, perhaps as low as 200m across western upslopes, and in persistent rain later. Visibility good or very good initially but becoming moderate to poor in rain and drizzle.

Temperature: **Valleys:** Plus 5 Celsius, rising Plus 10 Celsius
At 600m: Plus 2 Celsius, rising Plus 6 Celsius
Freezing level: Above the summits.

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